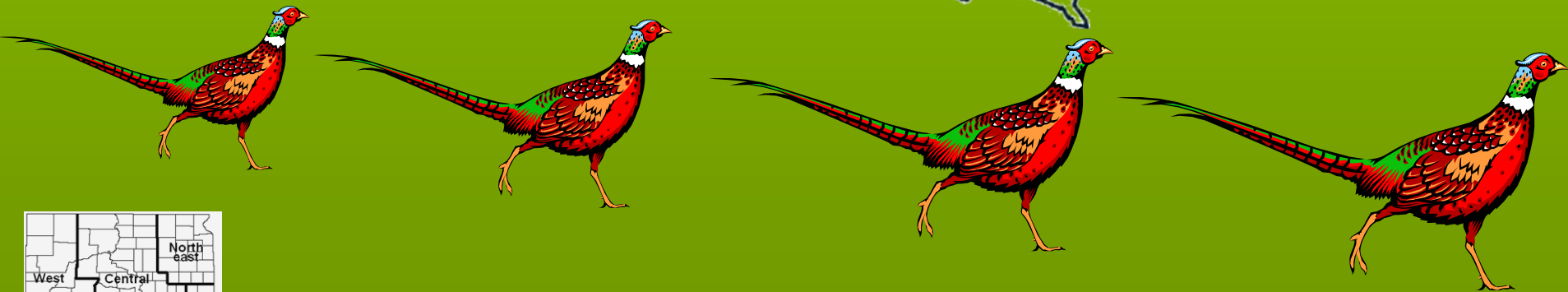


1 January – 31 May 2007

Provisional data

Monthly infectious disease summary report

May 2007



South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 May 2007

Provisional data

South Dakota infectious disease summary

Diseases/Agent	Cases year-to-date	Incidence year-to-date	5-yr median cases	Percent change
Campylobacter	48	6.1	66	-27%
Chlamydia	1026	131.2	1021	0%
Cryptosporidiosis	29	3.7	11	+164%
E. coli, Shiga toxin-producing	2	0.3	4	-50%
Giardiasis	21	2.7	29	-28%
Gonorrhea	107	13.7	105	+2%
Hepatitis A	2	0.3	2	0%
HIV AIDS	8	1.0	13	-38%
Meningococcal	2	0.3	1	+100%
Pertussis	36	4.3	7	+414%
Rabies	5	NA	43	-88%
Salmonella	62	7.9	30	+107%
Shigellosis	19	2.4	15	+27%
Strep A, invasive	4	0.5	9	-56%
Strep B, invasive	6	0.8	7	-14%
Syphilis, early	1	0.1	0	NA
Tuberculosis	4	0.5	6	-33%
West Nile	1	0.1	0	NA



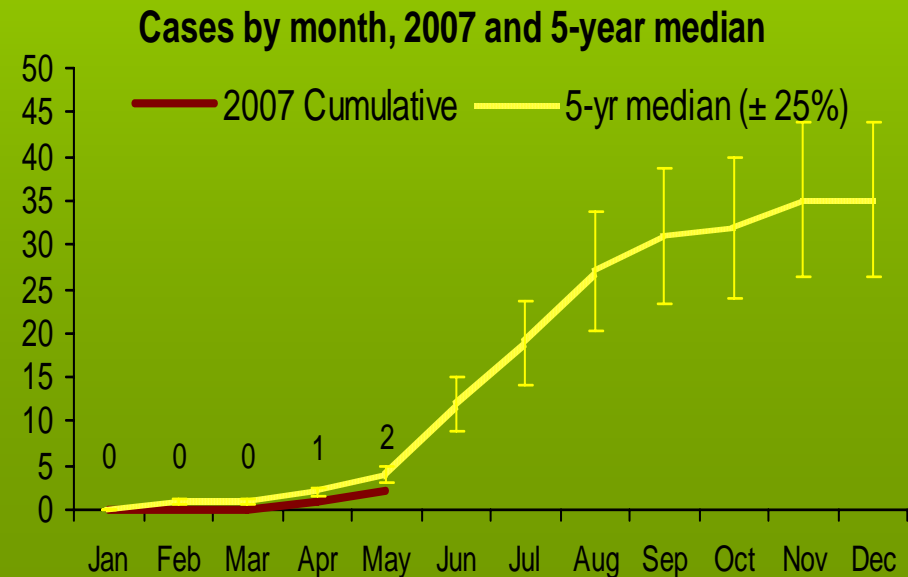
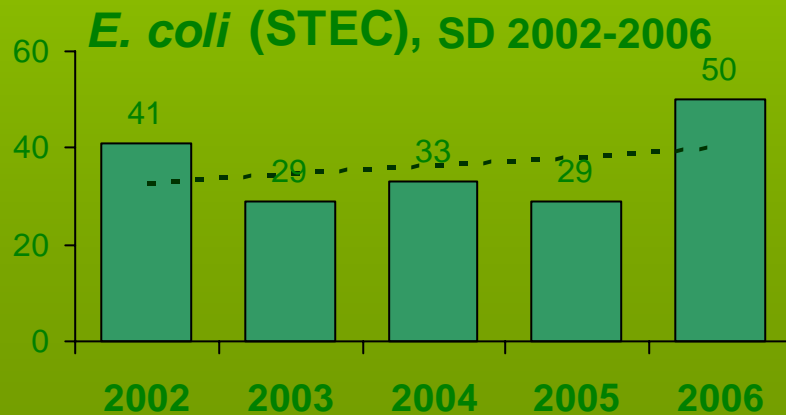
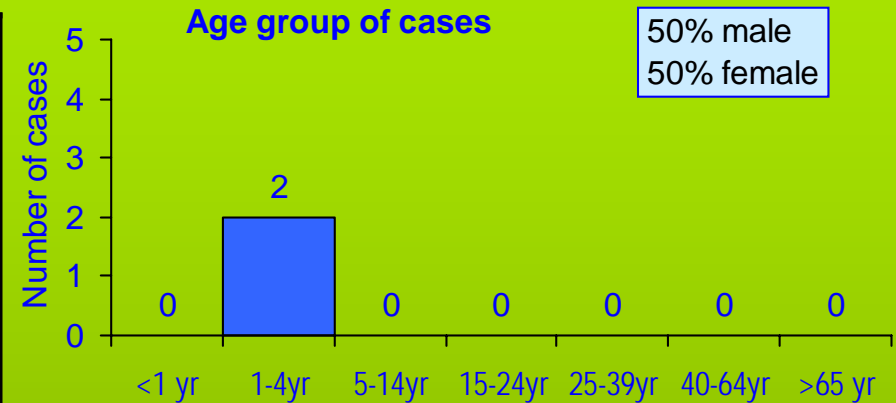
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 May 2007

Provisional data

E. coli, shiga toxin-producing, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	0	0
Northeast	1	0.5
Southeast	0	0
West	1	0.5
TOTAL	2	0.3 -50%
5-year median	4	0.5



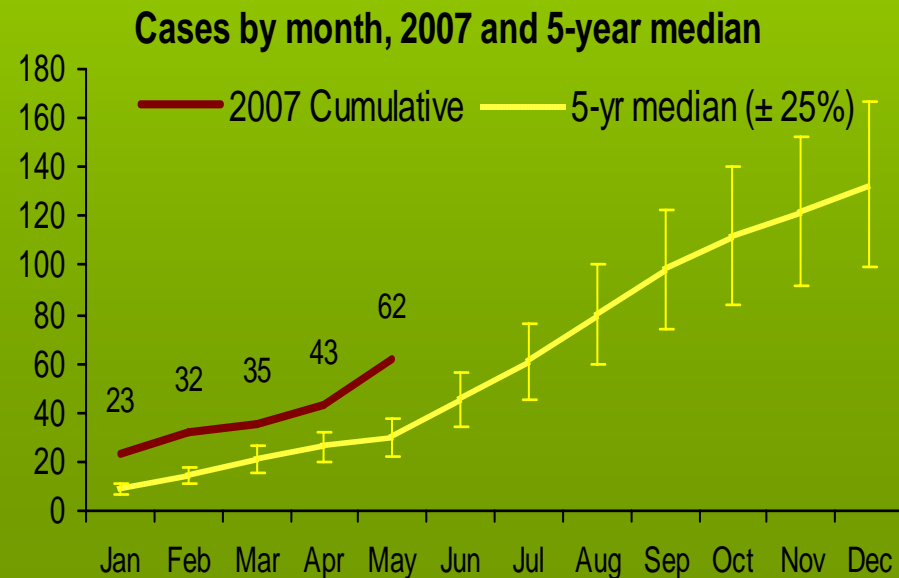
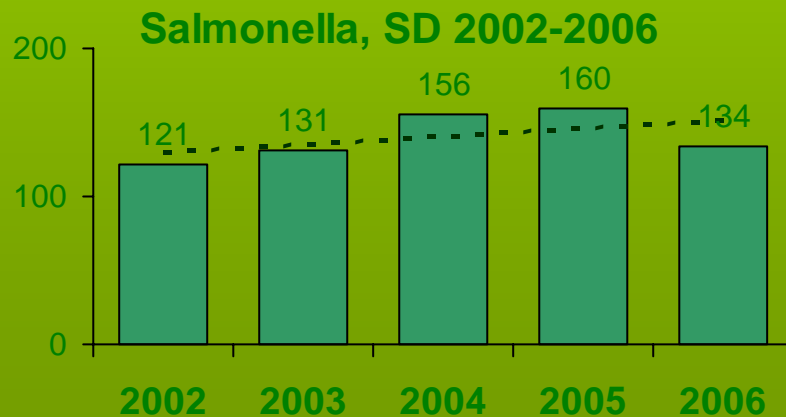
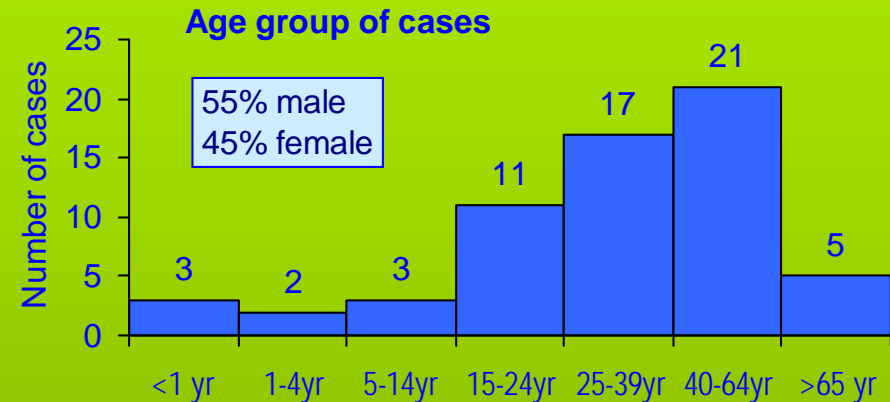
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 May 2007

Provisional data

Salmonellosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	9	6.0
Northeast	18	9.9
Southeast	25	9.6
Western	10	5.2
TOTAL	62	7.9 +107%
5-year median	30	3.9



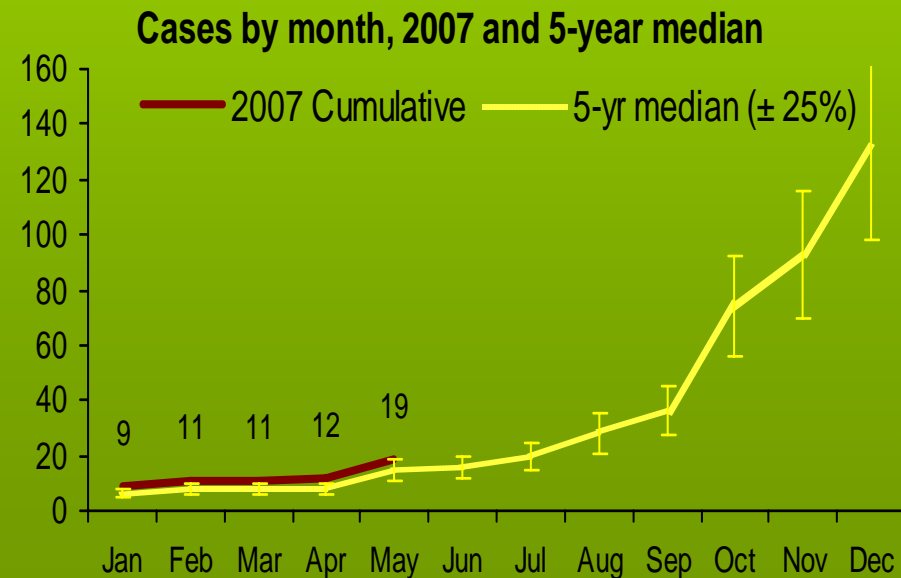
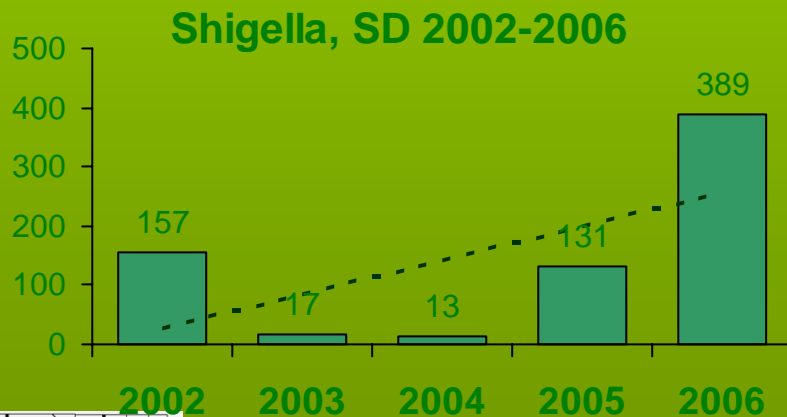
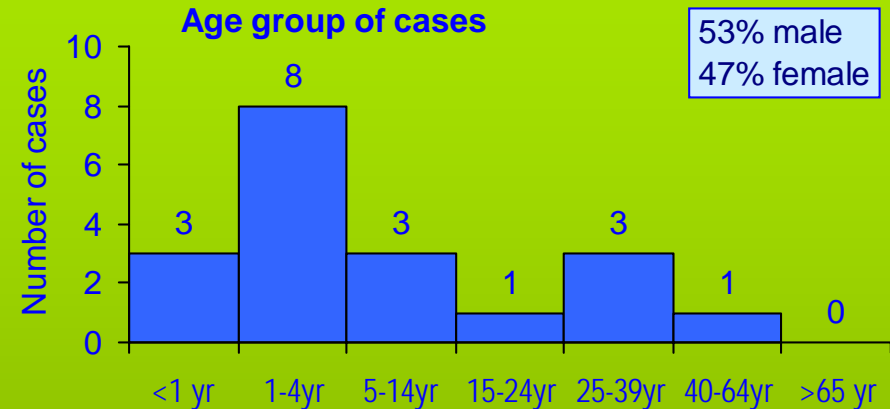
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 May 2007

Provisional data

Shigellosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	8	5.4
Northeast	1	0.6
Southeast	3	1.2
Western	7	3.7
TOTAL	19	2.1 +27%
5-year median	15	1.9



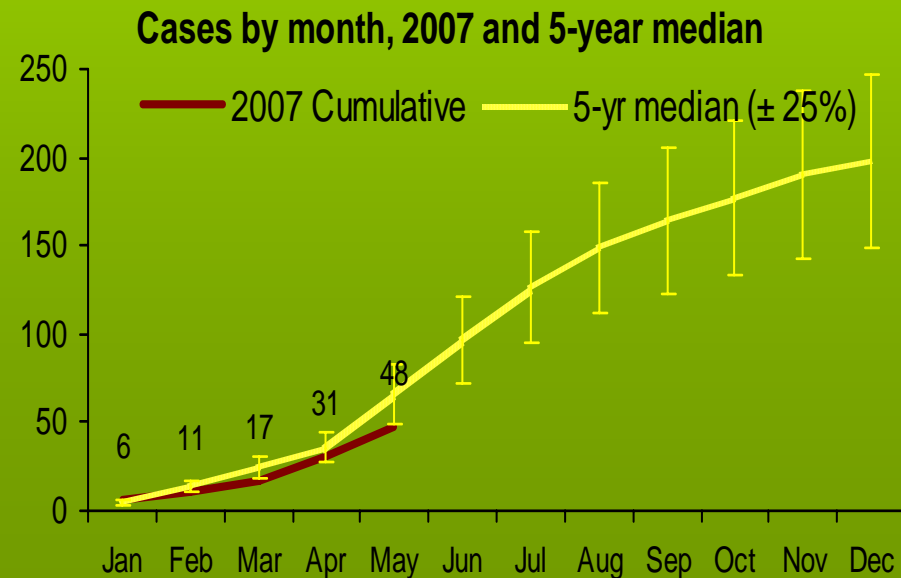
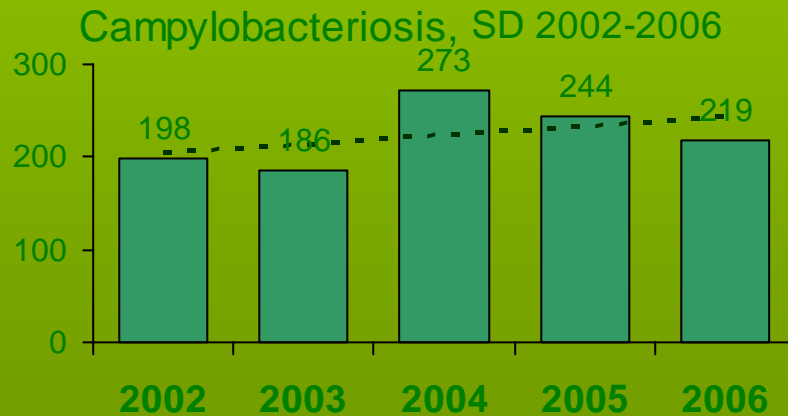
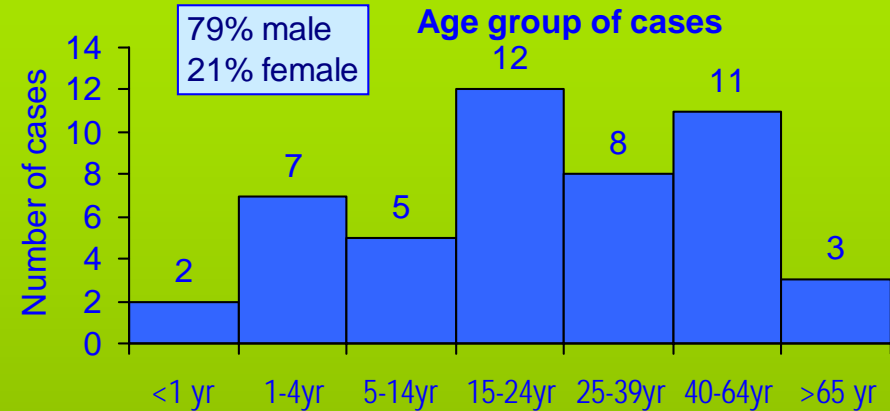
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 May 2007

Provisional data

Campylobacteriosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	15	10.0
Northeast	14	7.7
Southeast	16	6.1
Western	3	1.6
TOTAL	48	6.1 -27%
5-year median	66	8.5



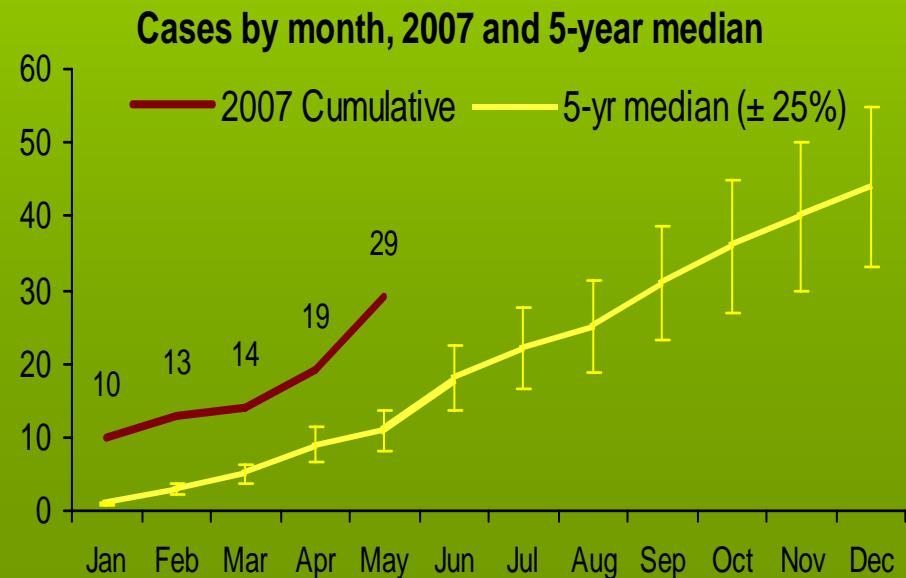
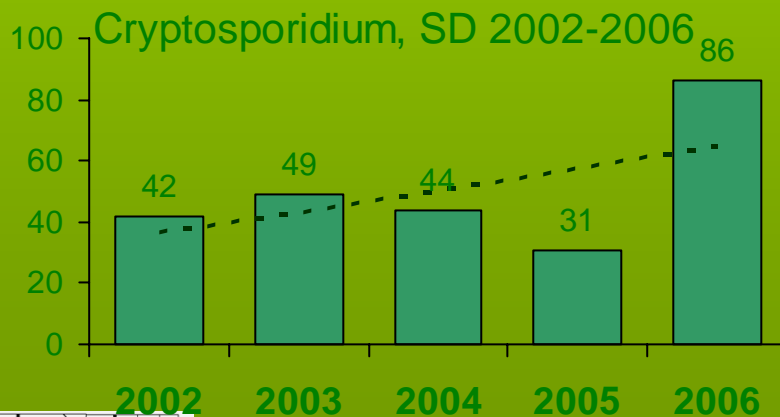
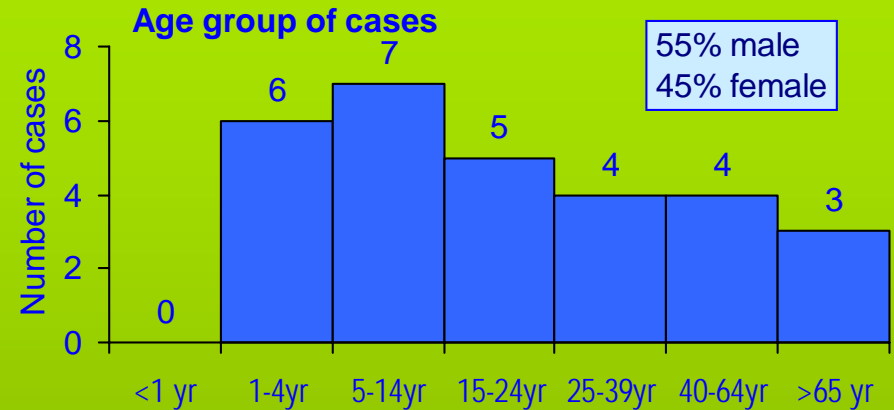
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 May 2007

Provisional data

Cryptosporidiosis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	9	6.0
Northeast	13	7.2
Southeast	7	2.7
Western	0	0.0
TOTAL	29	3.7 +164%
5-year median	11	1.4



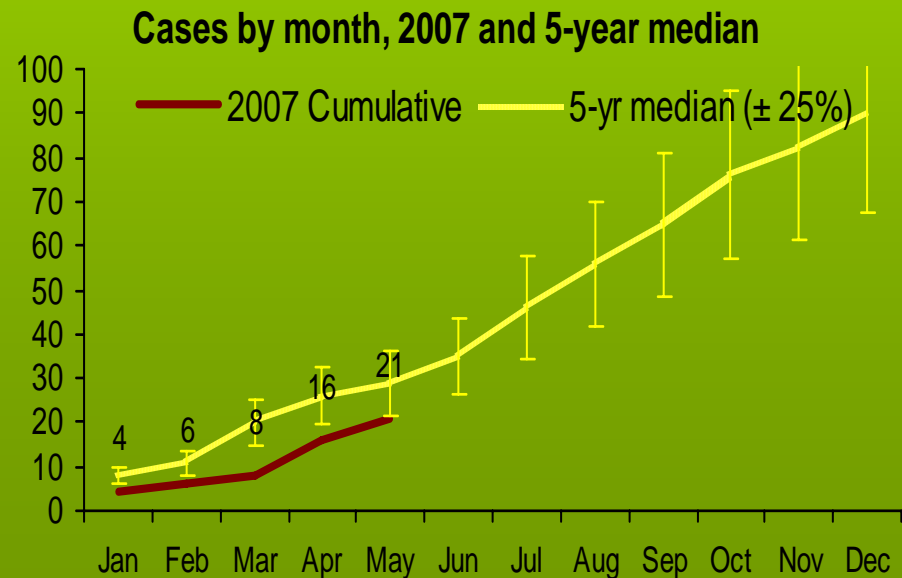
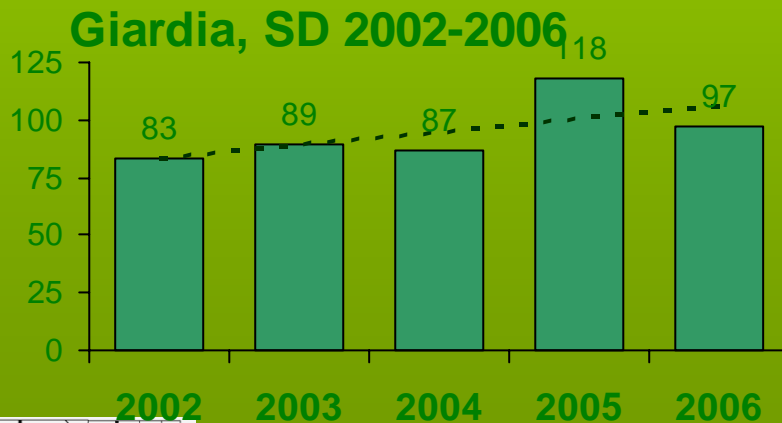
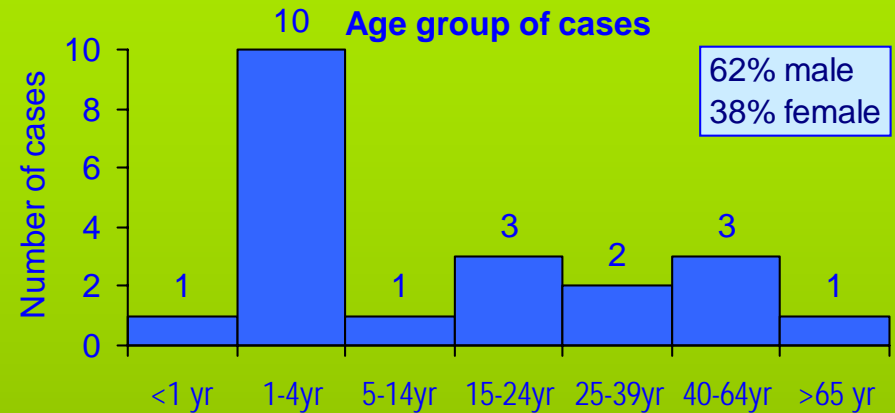
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 May 2007

Provisional data

Giardiasis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	2	1.3
Northeast	4	2.2
Southeast	6	2.3
Western	9	4.7
TOTAL	21	2.7 -28%
5-year median	29	3.7



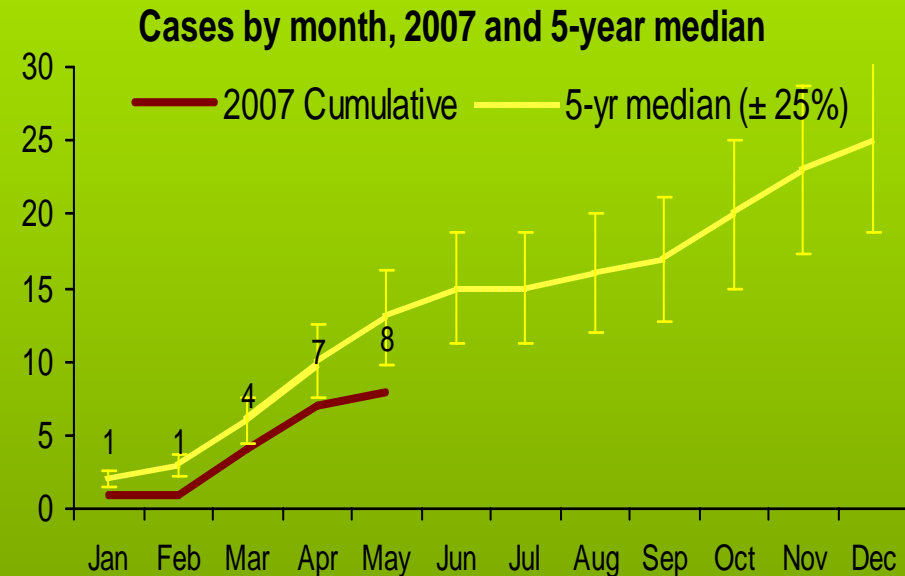
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 May 2007

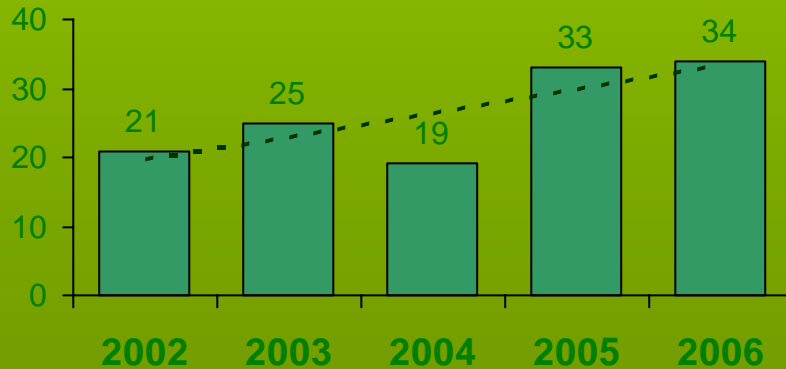
Provisional data

HIV/AIDS, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	2	1.3
Northeast	1	0.5
Southeast	5	1.9
West	0	0
TOTAL	8	1.0 -38%
5-year median	13	1.7



HIV/AIDS, SD 2002-2006

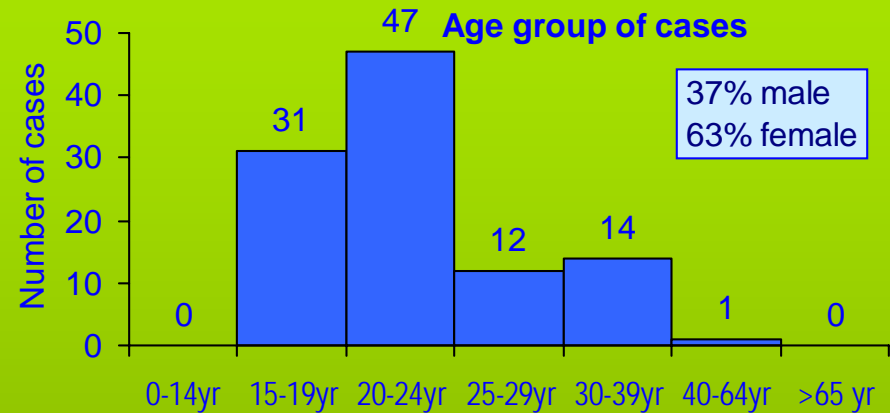


1 January – 31 May 2007

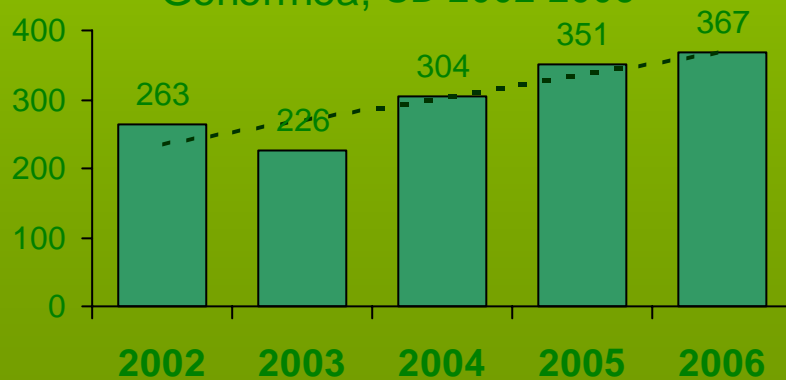
Provisional data

Gonorrhea, South Dakota

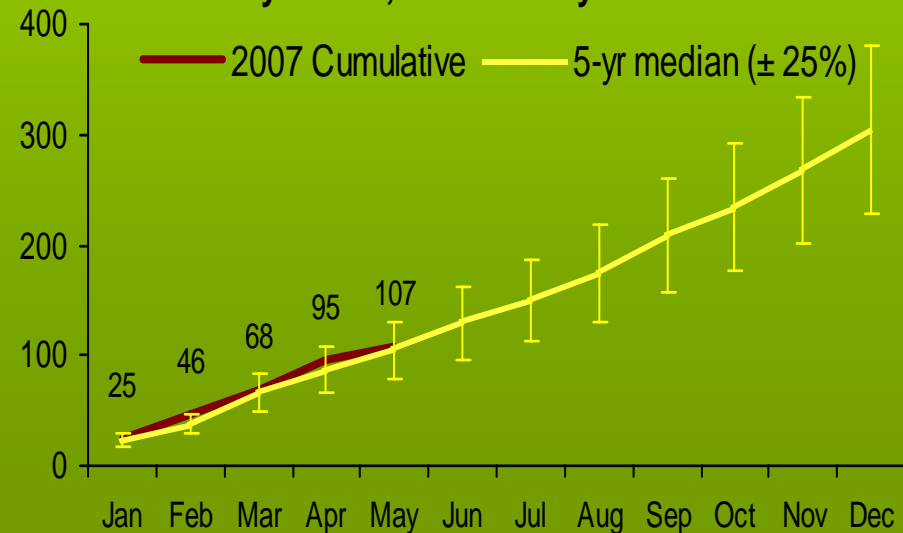
Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	24	18.6
Northeast	6	3.3
Southeast	48	18.6
West	29	15.2
TOTAL	107	13.7 +2%
5-year median	105	13.5



Gonorrhea, SD 2002-2006



Cases by month, 2007 and 5-year median

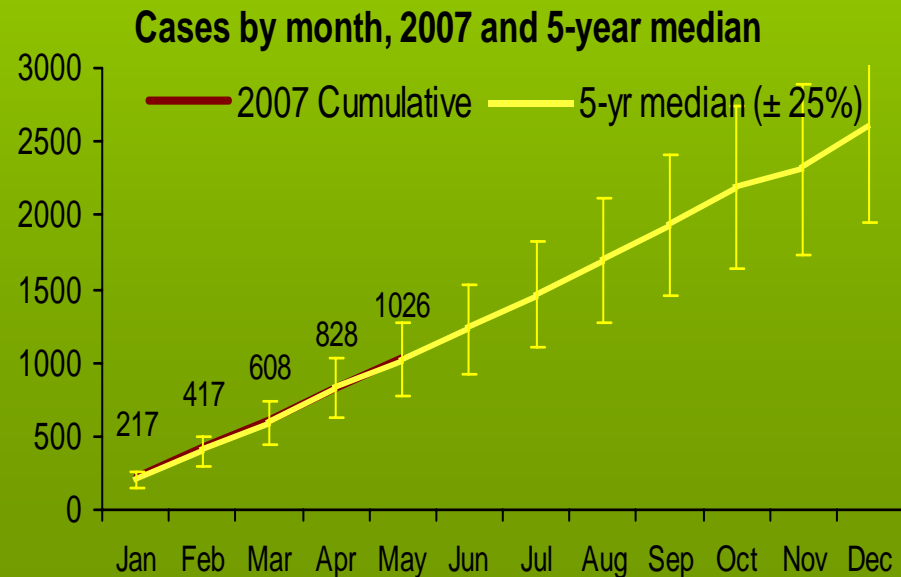
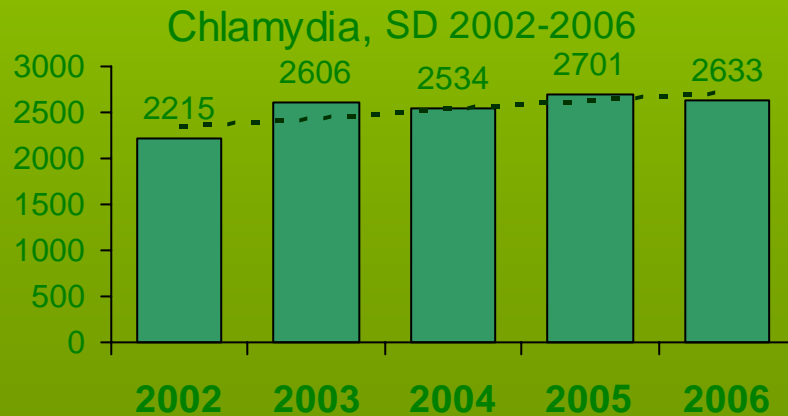
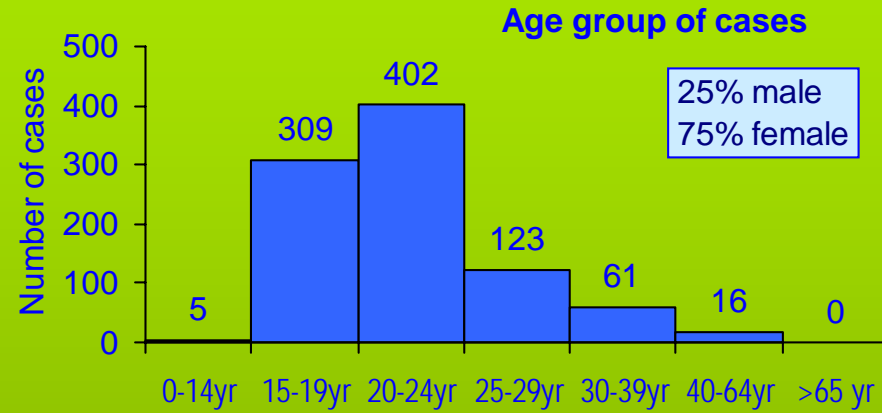


1 January – 31 May 2007

Provisional data

Chlamydia, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	247	164
Northeast	169	92
Southeast	284	110
West	326	171
TOTAL	1026	131 0%
5-year median	1021	131



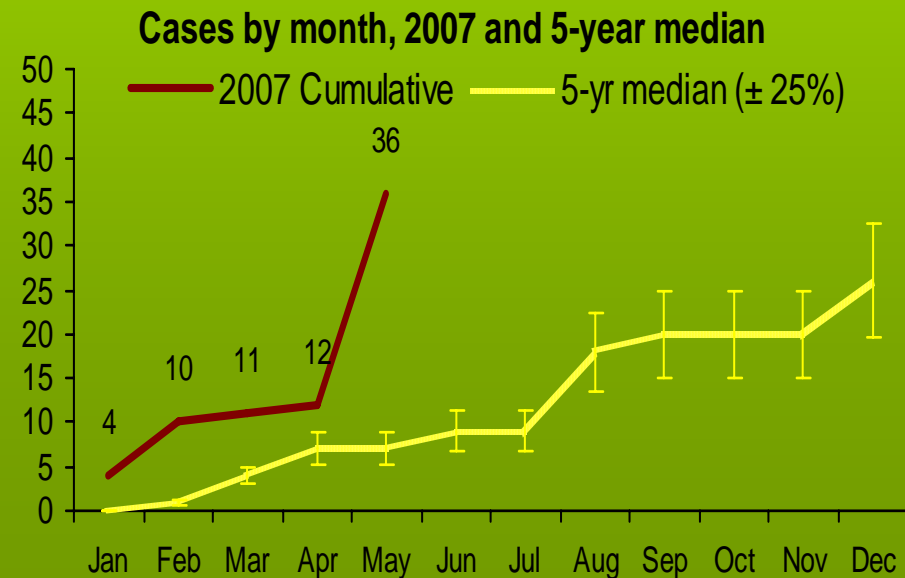
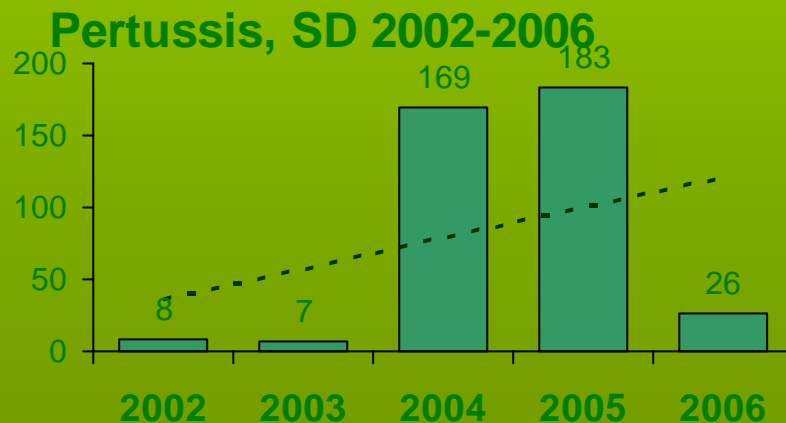
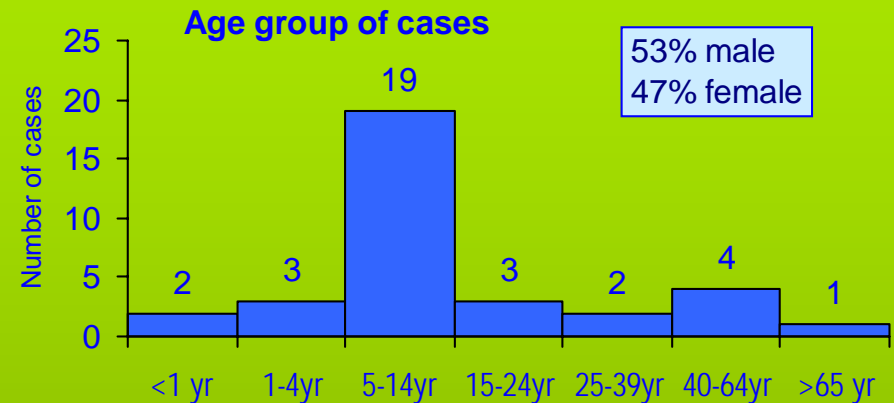
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 May 2007

Provisional data

Pertussis, South Dakota

Region	Cases (year-to-date)	Rate (cases per 100,000 population)
Central	3	2.0
Northeast	0	0.0
Southeast	30	11.6
Western	3	1.6
TOTAL	36	4.3 +414%
5-year median	7	0.9



South Dakota Department of Health confidential disease reporting: 1-800-592-1804

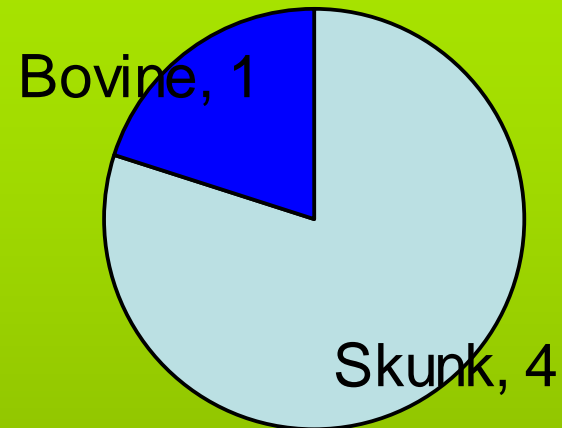
1 January – 31 May 2007

Provisional data

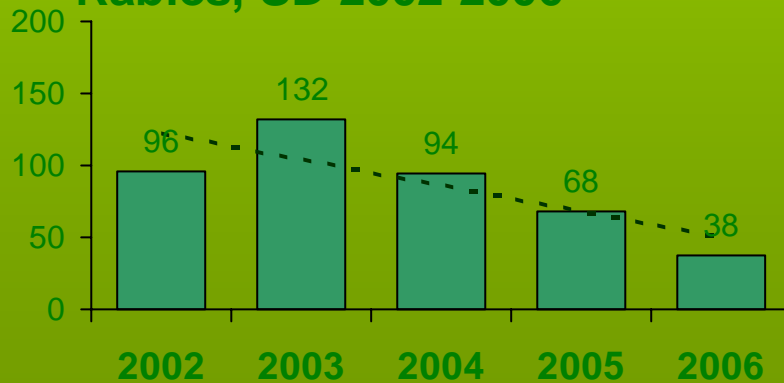
Rabies, South Dakota

County: Rabid animals

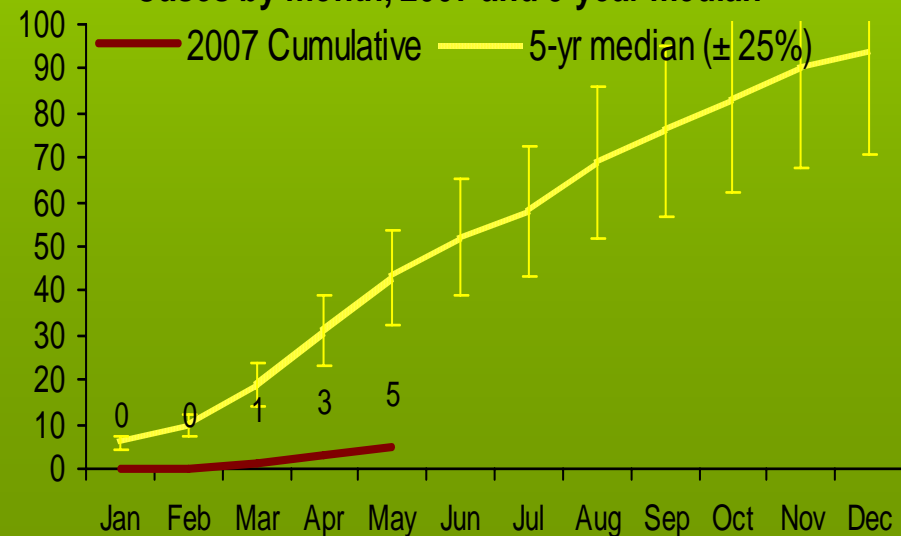
- Brookings: skunk 1
- Brown: skunk 1
- Clark: bovine 1
- Deuel: skunk 1
- Faulk: skunk 1



Rabies, SD 2002-2006



Cases by month, 2007 and 5-year median



South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 31 May 2007

Provisional data

Other low incidence or newly reportable diseases, South Dakota, YTD 2007

- Chicken pox, 51 cases
- Hepatitis A, acute, 2 cases
- Hepatitis B, acute, 1 case
- Hepatitis B, chronic, 11 cases
- Hepatitis C, chronic, 93 cases
- Herpes (genital), 157 cases
- Legionnaires' disease, 1 case
- Malaria, 1 case
- Meningococcal, invasive disease, 2 cases
- MRSA, invasive, 31 cases
- Mumps, 1 case
- Q fever, 1 case
- Streptococcus, Group A, invasive, 3 cases
- Streptococcus, Group B, invasive, 3 cases
- Streptococcus pneumoniae, drug-resistant, 7 cases
- Syphilis, early, 1 case
- Tuberculosis, active, 4 cases



South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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Provisional data

Reportable Diseases List:

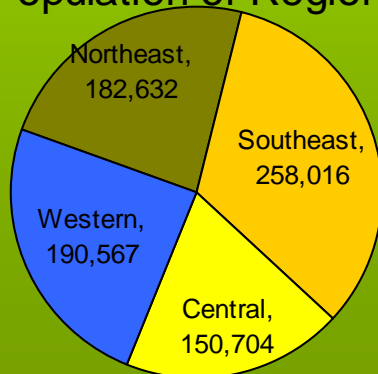
www.state.sd.us/doh/Disease/report.htm



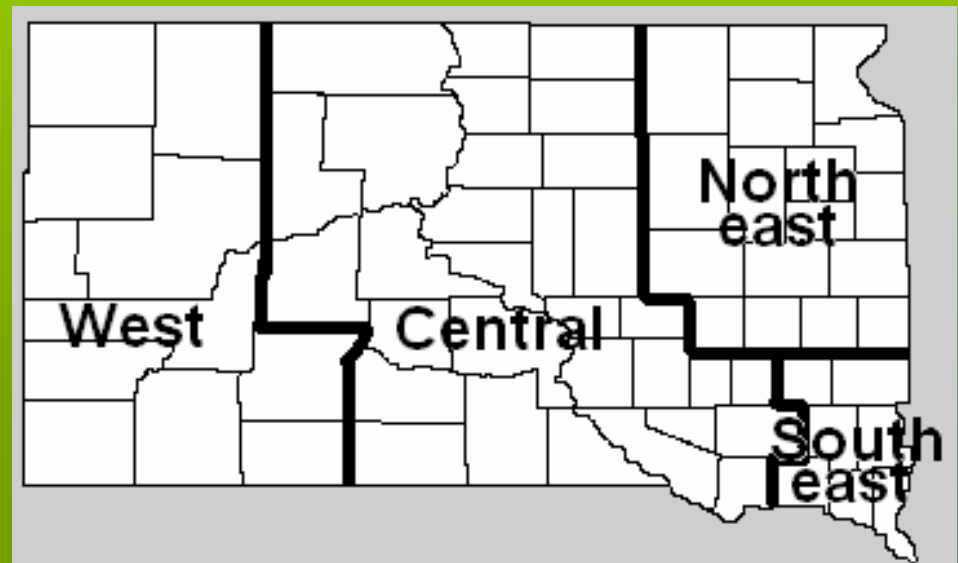
To report infectious diseases

- Secure website: www.state.sd.us/doh/diseasereport
- Telephone: **1-800-592-1804** confidential recorder; or **1-800-592-1861** or **605-773-3737** for a disease surveillance person during normal business hours; after hours to report Category I diseases or other emergencies, call **605-280-4810**.
- Fax: **605-773-5509**
- Mail or courier, address to: Infectious Disease Surveillance, Office of Disease Prevention, Department of Health, 615 East 4th Street, Pierre, SD 57501; marked "*Confidential Disease Report*"

Population of Regions



South Dakota 2006 population est: 781,919



South Dakota Department of Health confidential disease reporting: 1-800-592-1804